

01- 12 -1784

**A RESOLUTION**

**BY CITY UTILITIES COMMITTEE**

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO APPROVE A NOTICE TO PROCEED WITH JORDAN, JONES AND GOULDING, INC./ENGINEERING DESIGN TECHNOLOGIES, INC.- JV FOR FC-6710-96D, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES TO PROVIDE EVALUATION SERVICES OF VARIOUS CRITICAL EQUIPMENT AT THE R. M. CLAYTON WATER RECLAMATION CENTER ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY ONE THOUSAND EIGHT HUNDRED FIFTY SEVEN DOLLARS (\$191,857.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND ACCOUNT AND CENTER NUMBER: 2J25 524001 M52I20169999.

**WHEREAS**, the City of Atlanta did enter into FC-6710-96D, Annual Contract for Architectural and Engineering Services; and

**WHEREAS**, the Department of Public Works does require machine condition evaluation services for various critical equipment at the R. M. Clayton Water Reclamation Center; and

**WHEREAS**, the Commissioner of the Department of Public Works and the Purchasing Agent of the Bureau of Purchasing and Real Estate have recommended that Jordan, Jones and Goulding, Inc./Engineering Design Technologies, Inc. - JV, to provide maintenance manager transition services; and

**NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA**, that the Mayor be and is hereby authorized to approved Notice To Proceed with Jordan, Jones, and Goulding/Engineering Design Technologies, Inc., JV for FC-6710-96D, Annual Contract for Architectural and Engineering Services in an amount not to exceed One Hundred Ninety One Thousand Eight Hundred Fifty Seven Dollars (\$191,857.00); and

**BE IT FURTHER RESOLVED**, that the Purchasing Agent of Purchasing be and is hereby directed to prepare an appropriate contractual agreement for execution by the Mayor, to be approved by the City Attorney as to form.

**BE IT FURTHER RESOLVED**, that this Notice to Proceed should not become binding on the City, and the City shall incur no liability upon same until such contract has been executed by the Mayor and delivered to the contracting party.

**BE IT FINALLY RESOLVED**, that all services for said Notice to Proceed shall be charged to and paid from fund account and center number: 2J25 524001 M52I20169999.

KOB (10-11-01)



## CITY OF ATLANTA

BILL CAMPBELL  
MAYOR

SOUTH RIVER W.P.C.  
2640 JONESBORO ROAD, S.E.  
ATLANTA, GEORGIA 30315 - 8504  
404-622-2121  
FAX: 404 -- 350-6123


DEPARTMENT OF PUBLIC WORKS  
NORMAN A. KOPLON, P.E.  
Interim Commissioner

JOHN GRIFFIN  
GARNEY INGRAM-REID  
DAVID PETERS, P.E.,  
Deputy Commissioner

### MEMORANDUM

TO: Felicia Strong-Whitaker,  
Director, Bureau Purchasing & Real Estate

CC: David Peters,  
Chief Environmental Officer & Public Works, Deputy Commissioner

FROM: Joe Porter,  
Director, Bureau Wastewater Services 

DATE: October 10, 2001

RE: Request to issue Notice to Proceed for Jordan Jones and Goulding to provide Machine Condition Evaluation at the R.M. Clayton Water Reclamation Center

The attached scope of work from Jordan Jones and Goulding includes those activities that must be done to provide Maintenance Manager Transition Services at the R.M Clayton plant. The maintenance transition at R.M. Clayton is critical to the plant being able to provide continuous maintenance of plant equipment as required by the consent decree. The proposal has been reviewed and is acceptable for completion of the Maintenance Transition task. Please issue a notice to proceed under the annual contract so that these tasks may be completed.

Please let me know if you have questions or need additional information regarding this request.

**JORDAN  
JONES &  
GOULDING**

6801 Governors Lake Parkway  
Building 200  
Norcross, Georgia 30071  
T 770.455.8555  
F 770.455.7391  
www.jjg.com

September 10, 2001

Mr. Joseph Porter  
Manager, Wastewater Services  
2440 Bolton Road, NW  
Atlanta, Georgia 30318

Subject: Proposal to Provide Machine Condition Evaluation at the R. M. Clayton  
Water Reclamation Center

Dear Mr. Porter:

Please find attached a proposal for providing the referenced maintenance evaluation services for at the R. M. Clayton WRC. We look forward to providing these services, in conjunction with our sub-consultant, Boxer Environmental, Inc.

If you have any questions or need additional information, please contact Troy Loetzerich or myself. We look forward to working with you on this important project.

Sincerely,

JORDAN, JONES & GOULDING, INC.

A handwritten signature in cursive script that reads "Hill Baughman".

Hill Baughman  
Manager, Operations Services

HHB/ses

cc: Troy Loetzerich

## **MACHINE CONDITION EVALUATION PROPOSAL**

Jordan, Jones & Goulding (JJ&G), Inc. has developed the following Machine Condition Evaluation (MCE) Project Approach as requested by Mr. Joseph Porter, Director of Wastewater Treatment for the City of Atlanta. This MCE, is to be conducted at the R.M. Clayton Water Reclamation Center (WRC).

### **Scope of Services**

JJ&G Operation and Maintenance (O&M) Specialists in conjunction with our sub consultant, Boxer Environmental, Inc. (Boxer) and with assistance from the WRC maintenance staff, have developed a listing of "Critical Equipment" that will be included in the MCE Project. See attached equipment listing:

"Critical Equipment" is defined as all "equipment units" with a motor horsepower of 20 or greater and / or other equipment that is deemed to be critical by the facility management for either safety or compliance issues.

Our Team has estimated that there are approximately 175 critical "equipment units" that should be included in the total WRC facility MCE. An equipment unit is defined as driver, driven and associated auxiliary components making up the total equipment unit system.

Many of these equipment units have 4 to 5 separate machines included in the overall unit. As an example, the Trublex Aeration Blower System for the Secondary Treatment Process includes the following separate machines and/or components:

- Motor (1750 HP)
- Blower
- Oil Pumping and Cooling Systems
- Control Systems
- and Instrumentation Monitoring Equipment

All of these machines and /or components need to be evaluated for each of the 5 blowers, thereby making it necessary to conduct an MCE on at least 5 machines plus the electrical and instrumentation systems for each of the Aeration Blower Systems. Our initial estimate is that there could be in excess of 500 separate machines and/or machine components that will make up the entire critical equipment MCE listing.

The JJ&G Team will make every effort to complete the MCE on all identified equipment units within the project schedule for this task order. JJ&G personnel will provide coordination between the RM Clayton WRC Management Staff and the MCE Team. This coordination will ensure that the MCE Testing schedule is non-intrusive to the normal operational requirements and that members of the WRC maintenance and electrical staff are available as necessary to assist with the program. The MCE Team will comply with all WRC Safety Policies and Procedures.

**Project Team:**

JJ&G Senior Operations Specialist, Mr. Troy Loetzerich, will serve as overall Project Manager and provide coordination between the MCE Team and the WRC Operations and Management Staff.

Mr. Rich Lansdown and/or Mr. Joel Sendra will oversee the MCE Team's day-to-day work schedules and assist the JJ&G Project Manager as required to facilitate the resolution of any project related issues.

Mr. Jack Wilcox will be the MCE Team Leader and will provide the direct supervision of the project's technical implementation. Mr. Wilcox will be accompanied by three senior machine condition evaluation technicians to complete the various MCE implementation tasks.

**Project Schedule:****On-Site Schedule:**

The MCE Team of 4 MCE Specialists, lead by Mr. Jack Wilcox will be on site full time (Monday through Friday *normally*, and on weekends if necessary to accommodate the WRC's operational requirements) for 8 calendar weeks. This team is flexible and will work night shifts and / or weekends to ensure the maximum equipment unit completion during the scheduled time frame. We propose to start this project within 2 weeks of notice to proceed and conclude the on-site activities within 10 calendar weeks of notice to proceed.

The WRC could utilize this MCE Evaluation process as an excellent opportunity to make a considerable number of equipment repairs (and close out numerous CMMS directed preventive maintenance task orders) simply by assigning an experienced mechanic and electrician to work with the MCE Team on a daily basis. As an example, our team will find many electrical problems during the Infrared Thermograph inspection that could be quickly corrected if the WRC electrician is working with the team. This experience would also be an excellent on-the-job training opportunity for the WRC Maintenance Staff.

**Report Development Schedule:**

The Final MCE Report will be completed within 5 weeks of the completion of the on-site critical equipment evaluation. However, weekly summary reports will be provided throughout the project to address any equipment condition emergencies that are found during the course of our evaluation.

## **Project Budget**

The proposed cost for the MCE Project is \$191,857. This fee includes the following:

- a. Weekly project management time for our project manager, billed at our contractual labor rates - \$16,800.
- b. Sub consultant fees (Boxer) - \$166,721.
- c. Subcontractor markup - \$ 8,336.

See Table 1 for a cost breakdown for this project.

**LARGE ATTACHMENT:**

**DOCUMENT(S),**

**MANUAL(S)**

**OR**

**MAP(S)**

**NOT COPIED,**

**PULL ORIGINAL**

**FOR COPY OR TO VIEW**